	Application No.	Applicant(s)	
Notice of Allowability	10/619,900	GOLAN ET AL.	
	Examiner	Art Unit	
	Albert T. Chou	2616	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *the amendment filed 14 February 2008*.

2. ☒ The allowed claim(s) is/are *1, 2, 4, 6-8, 10-13, 15, 17-19, 22-24, 26 and 27*.

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All   b) ☐ Some*   c) ☐ None   of the:

      1. ☐ Certified copies of the priority documents have been received.

      2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

      3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

      1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.

    (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application

6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____ .

7. ☒ Examiner's Amendment/Comment

8. ☐ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____ .

DETAILED ACTION

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes

and/or additions be unacceptable to applicant, an amendment may be filed as provided

by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be

submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in an interview via e-mail

with Mr. Oren Reches on February 27, 2008.

The application has been amended as follows:

- Claims 1, 6, 8, 10, 12 and 17 have been amended as shown in attached

  sheets (4 pages).

Allowable Subject Matter

2. Claims 1, 2, 4, 6-8, 10-13, 15, 17-19, 22-24, 26 and 27 are allowed.

3. Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Albert T. Chou whose telephone number is 571-272-

6045. The examiner can normally be reached on 8:30 - 17:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Chi H. Pham, can be reached on 571-272-3179. The fax phone number for

the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see http://pair-direct.uspto.gov. Should

you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free).

Albert T. Chou
February 28, 2008 *Ac*

CHI PHAM
SUPERVISORY PATENT EXAMINER 2/29/08

WE CLAIM

1. (Currently amended) A system for compensating for timing violations of a multiplex of at least two media packet streams, the system comprises:

a transmitter, ~~operable~~ _operated_ to receive the multiplex, to associate transmitter timing information to media packets that belong to the multiplex, and to transmit the media packets and the associated transmitter timing information towards a receiver, over a timing violation inducing communication channel; wherein the transmitter comprises a transmitter time base generator that is adapted to generate the transmitter timing information without synchronizing to any to time bases associated with the media packet streams; whereas the at least two media packet streams are associated with multiple time; and

a receiver, ~~operable~~ _operated_ to receive the transmitter timing information and the media packets, and to provide at least one timing violation compensated media packet stream in response to the transmitter timing information.

2. (Original) The system according to claim 1 further comprises a decoder for decoding the at least one timing violation compensated media packet stream. 3. (Canceled).

4. (Currently amended) The system of claim ~ 1 wherein the receiver comprises a phased lock loop (PLL) for reconstructing the transmitter time base. 5. (Canceled).

6. (Currently amended) The system of claim 1 wherein the transmitter is ~~operable~~ _operated_ to encapsulate said media packets and the transmitter timing information in a communication channel format packets.

7. (Original) The system of claim 6, wherein the communication channel format packets does not comprise RTP compliant headers.

8. (Currently amended) The system of claim 6 wherein the transmitter is ~~operable~~ _operated_ to include the transmitter timing information within a communication channel format packet header.

9. (Canceled)

10. (Currently amended) The system of claim 1 wherein the receiver comprises: a receiving end communication interface, connected to a splicer, wherein said receiving end communication interface receives said communication channel format packets from the timing violation inducing communication channel, wherein said receiving end communication interface provides said communication channel format packets to said

splicer; and wherein the splicer is ~~capable of extracting~~ operated to extract the transmitter timestamp ~~and~~ to provide it to a receiver PLL and ~~of extracting~~ to extract the media packets.

11. (Original) The system of claim 1 wherein at least one media stream packet IS MPEG compliant.

12. (Previously amended) A system for reducing jitter of a multiple program transport stream, the system comprises:

a transmitter, ~~operable~~ operated to receive the multiple program transport stream from a low jitter communication channel, to associate a transmitter timing information to the packets of the multiple program transport stream, and to transmit the packets of the multiple program transport stream and the associated transmitter timing information over a high jitter communication channel towards a receiver; wherein the transmitter comprises a transmitter time base generator that is ~~capable of generating~~ operated to generate a transmitter time base without synchronizing to any of at least two different time bases of at least two media packet streams of the multiple program transport stream; and

a receiver, coupled to the transmitter over the high jitter communication channel, the receiver is ~~operable~~ operated to receive the transmitter timing information and the packets of the multiple program transport stream, and to provide at least one low jittered program in response to the transmitter timing information.

13. (Previously amended) The system according to claim 12 further comprising a decoder for decoding the at least one program.

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14. (Canceled).

15. (Previously amended) The system of claim 12, wherein the receiver comprises a

phased lock loop (PLL) for reconstructing the transmitter time base.

16. (Canceld).

17. (Currently amended) The system of claim 12 wherein the receiver comprises: a

receiving end communication interface that receives media packets from the high jittered

communication channel and provides the media packets to a splicer; and wherein the splicer is

~~capable of extracting~~ operated to extract transmitter timing information as well as transport

stream packets from the media packets.

18. (Previously amended) A method for compensating for timing violations of a

multiplex of at least two media packet streams, the method comprising the steps of:

(a) generating the transmitter timing information, wherein the step of generating does not

involve synchronizing to a time base associated with any of the media packet streams; (b)

receiving the multiplex; (c) associating transmitter timing information to

media packets that belong to the multiplex; (d) transmitting the media packets and the

associated transmitter timing information towards a receiver, over a timing violation inducing

communication channel; whereas the at least two media packet streams are associated with

different time bases; (e) receiving the transmitter timing information and the media packets; and

(f) providing at least one timing violation compensated media packet stream in response to the

transmitter timing information.

19. (Original) The method of claim 18 further comprising a step of decoding the at

least one timing violation compensated media packet stream.

20. (Canceled). 21. (Canceled). 22. (Original) The method of claim 18 wherein the step

of providing comprises a step

of reconstructing a transmitter time base from the transmitter timing information.

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23. (Original) The method of claim 18 further comprising a step of converting media packets of the multiplex to communication channel format packets; whereas the communication channel format packets comprise the transmitter timing information.

24. (Original) The method of claim 23 wherein the communication channel format packets do not comprise RTP compliant headers.

25. (Canceled)

26. (Original) The method of claim 18 wherein at least one media stream packet is MPEG compliant.

27. (Original) The method of claim 18 wherein the multiplex is received over a low jitter communication channel.